

IN THE CLAIMS:

Please amend the claims as follows:

1. (Original) A liquid crystal material, comprising at least one negative-type mesogen comprising at least one soluble, dipolar dopant.
2. (Original) A liquid crystal material according to claim 1, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
3. (Currently Amended) A liquid crystal material according to claim 1 ~~or 2~~, wherein the negative-type mesogen is selected from the group comprising MLC-2038, MLC-6608, MLC-6609 and MLC-6610.
4. (Currently Amended) A liquid crystal material according to ~~any of claims 1 to 3~~ claim 1, wherein the dopant is present in an amount of between about 0.01 to about 10wt% of the mixture.
5. (Currently Amended) A liquid crystal material according to ~~any of claims 1 to 4~~ claim 1, wherein the dopant is present in an amount of between about 0.05 to about 5wt% of the mixture.
6. (Currently Amended) A liquid crystal material according to ~~any of claims 1 to 5~~ claim 1, wherein the dopant is present in an amount of about 0.1 to about 1.5wt% of the mixture.
7. (Currently Amended) A liquid crystal material according to ~~any of claims 1 to 6~~ claim 1, wherein the dopant is selected from the group consisting of FMor2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPHPIP.
8. (Currently Amended) A liquid crystal cell or a negative-type liquid crystal display, comprising a liquid crystal material according to ~~any of claims 1 to 7~~ claim 1.

9. (Original) A method of producing a liquid crystal material, comprising mixing at least one negative-type mesogen with a soluble, dipolar dopant.
10. (Original) A method according to claim 9, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
11. (Currently Amended) A method according to claim 9 ~~or 10~~, wherein the negative-type mesogen is selected from the group comprising MLC-2038, MLC-6608, MLC-6609 and MLC-6610.
12. (Currently Amended) A method according to ~~any of claims 9 to 11~~ claim 9, wherein the dopant is admixed in an amount of between about 0.01 to about 10wt% of the final mixture.
13. (Currently Amended) A method according to ~~any of claims 9 to 12~~ claim 9, wherein the dopant is admixed in an amount of between about 0.05 to about 5wt% of the final mixture.
14. (Currently Amended) A method according to ~~any of claims 9 to 13~~ claim 9, wherein the dopant is admixed in an amount of about 0.1 to about 1.5wt% of the final mixture.
15. (Currently Amended) A method according to ~~any of claims 9 to 14~~ claim 9, wherein the dopant is selected from the group consisting of FMor2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPHPIP.
16. (Original) A method of producing liquid crystal cells or negative-type crystal displays according to claim 8 comprising the steps of a) mixing at least one negative-type mesogen and about 0.01 to about 10wt% of at least one soluble, dipolar dopant, b) centrifuging the mixture, c) filling cells with the mixture and, d) annealing the filled cells.

17. (Original) A method of improving the response times, homogenous on-state alignments and contrast of a negative-type liquid crystal material without degrading the off-state, comprising adding at least one soluble, dipolar dopant to said liquid crystal material.
18. (Original) A method according to claim 17, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
19. (Currently Amended) A method according to claim 17 ~~or 18~~, wherein the dopant is added in an amount of between about 0.01 to about 10wt% of the negative-type liquid crystal material.
20. (Currently Amended) A method according to ~~any of claims 17 to 19~~ claim 17, wherein the dopant is admixed in an amount of between about 0.05 to about 5wt% of the negative-type liquid crystal material.
21. (Currently Amended) A method according to ~~any of claims 17 to 20~~ claim 17, wherein the dopant is admixed in an amount of about 0.1 to about 1.5wt% of the negative-type liquid crystal material.
22. (Currently Amended) A method according to ~~any of claims 17 to 21~~ claim 17, wherein the dopant is selected from the group consisting of FMor2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPHPIP.
23. (Currently Amended) Use of a liquid crystal material according to ~~any of claims 1 to 7~~ claim 1 in an improved LC-material for display applications.